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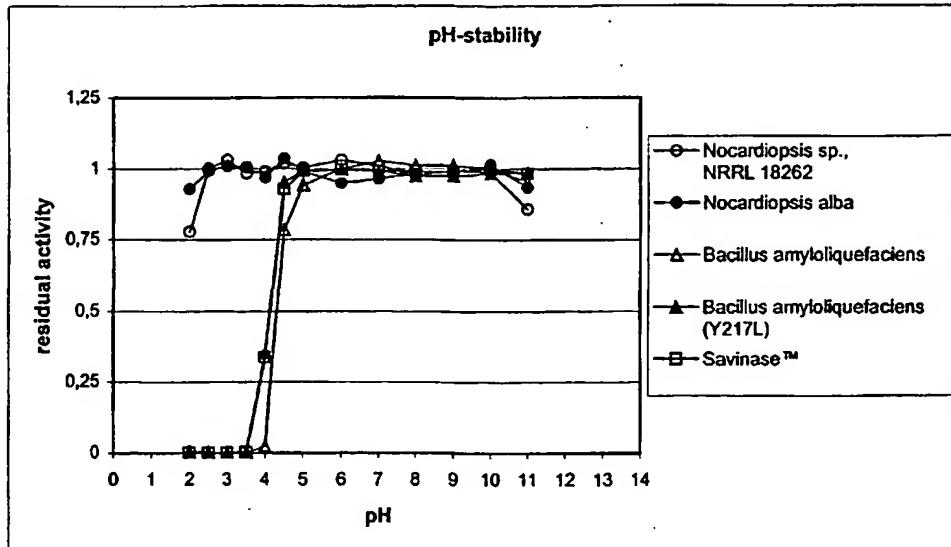
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(54) Title: USE OF ACID-STABLE PROTEASES IN ANIMAL FEED



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(57) Abstract: Acid-stable proteases homologous to those derived from strains of the genus Nocardiopsis, their use in animal feed, feed-additives and feed compositions containing such proteases, and methods for the treatment of vegetable proteins using such proteases.

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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A23K1/165 A23K1/14 C12N9/52		
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B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 A23K C12N		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ, FSTA, BIOSIS		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 96 05739 A (FINNFEEDS INT LTD ;GENENCOR INT (US)) 29 February 1996 (1996-02-29) cited in the application claims 1,9; example 2 --- CAINE, W.R., VERSTEGEN, M. W. A., SAUER, W. C., TAMMINGA, S., AND SCHULZE, H.: "Effect of protease treatment of soybean meal on content of total soluble matter and crude protein and level of soybean trypsin inhibitors" ANIMAL FEED SCIENCE AND TECHNOLOGY., vol. 71, 1998, pages 177-183, XP001002549 AMSTERDAM., NL See whole document ---	1-12 1-12 -/-
<p><input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.</p> <p><input checked="" type="checkbox"/> Patent family members are listed in annex.</p>		
<p>* Special categories of cited documents :</p> <p>*A* document defining the general state of the art which is not considered to be of particular relevance</p> <p>*E* earlier document but published on or after the international filing date</p> <p>*L* document which may throw doubts on priority, claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>*O* document referring to an oral disclosure, use, exhibition or other means</p> <p>*P* document published prior to the international filing date but later than the priority date claimed</p> <p>*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>*&* document member of the same patent family</p>		
Date of the actual completion of the international search	Date of mailing of the international search report	
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Name and mailing address of the ISA European Patent Office, P.B. 5818 Patenlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl. Fax: (+31-70) 340-3016		Authorized officer Rooney, K

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